

# Converting Colors

YUV(214.5300, -20.4743,  
33.7382)

Have a look what the booklet for  
YUV(214.5300, -20.4743, 33.7382)  
contains.

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# Color

**YUV(214.5300, -20.4743,  
33.7382)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FDCBAD
RGB	253, 203, 173
RGB Percent	99%, 80%, 68%
CMY	0.0078, 0.2039, 0.3216
CMYK	0.00, 0.20, 0.32, 0.01
HSL	22°, 95%, 84%
HSV	22°, 32%, 99%
XYZ	69.4068, 66.6116, 48.7344
YIQ	214.5300, 39.4300, 1.2700

# Conversions

## Conversions Part 2

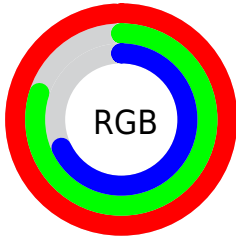
Format	Color
R <sub>Y</sub> B	253, 221, 173
Decimal	16632749
CIE Lab	85.31, 13.58, 21.68
CIE LCh	85, 25.585, 57.931
Yxy	66.6116, 0.3757, 0.3605
Android (android.graphics.Color)	4294822829 (0xFFFD CBAD)
YUV	214.5300, -20.4743, 33.7382
Hunter-Lab	81.6160, 8.9697, 21.7280

# Details

The YUV color  $214.5300, -20.4743, 33.7382$  is a light color, and the websafe version is hex  $\text{FFCC99}$ . A complement of this color would be  $211.4700, 20.4743, -33.7382$ , and the grayscale version is  $215.0000, 0.0000, 0.0000$ .

A 20% lighter version of the original color is  $252.0360, -11.3567, 2.5994$ , and  $159.5620, -19.0111, 31.0791$  is the 20% darker color. If you saturate the color by 10%, you get  $202.2880, -26.7640, 44.4744$ , and if you desaturate by 10%, it is  $226.7720, -14.1846, 23.0020$ .

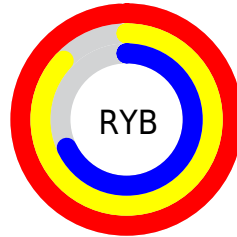
# Distribution



Red (99%)

Green (80%)

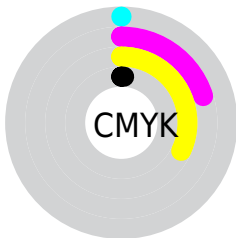
Blue (68%)



Red (99%)

Yellow (87%)

Blue (68%)

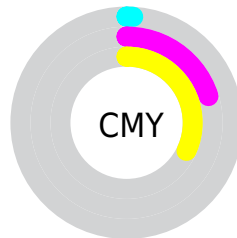


Cyan (0%)

Magenta (20%)

Yellow (32%)

Black (1%)



Cyan (1%)

Magenta (20%)

Yellow (32%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 214.5300, -20.4743, 33.7382 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the YUV color 214.5300, -20.4743, 33.7382 by changing the saturation by 10% instead.



214.5300,  
-20.4743, 33.7382

214.5300,  
-20.4743, 33.7382

255.0000, 0.0000,  
0.0000

186.9320,  
-20.1795, 32.5086

252.0360,  
-11.3567, 2.5994

159.5620,  
-19.0111, 31.0791

133.0780,  
-18.2795, 29.7496

107.5940,  
-17.5478, 28.4201

82.8110, -16.6688,  
26.4758

59.0280, -15.7898,  
24.5314

36.4900, -16.5106,

22.3723

■ 16.3570, -8.0640,  
19.8579

■ 0.0000, 0.0000,  
0.0000

■ 214.5300,  
-20.4743, 33.7382

■ 214.5300,  
-20.4743, 33.7382

■ 202.2880,  
-26.7640, 44.4744

■ 226.7720,  
-14.1846, 23.0020

■ 189.9320,  
-33.4905, 55.3106

■ 239.1280, -7.4581,  
12.1657

■ 178.2770,  
-40.0696, 65.5321

■ 250.7830, -0.8790,  
1.9443

■ 166.0350,  
-46.3593, 76.2683

■ 254.4020, 0.2948,  
-1.2296

■ 153.6790,  
-53.0857, 87.1045

■ 141.4370,  
-59.3754, 97.8408

■ 131.4120,  
-64.7861, 106.6327

# Harmonies

## Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



213.7720, -10.7336, 36.1570



214.5300, -20.4743, 33.7382



212.3340, -23.3357, 18.1241

# Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



214.5300, -20.4743, 33.7382



203.9470, 3.4771, -42.0495



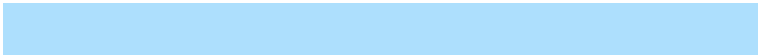
215.4510, 19.4977, -0.3955

# Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



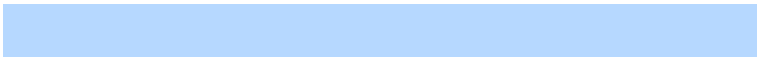
214.5300, -20.4743, 33.7382



211.4700, 20.4743, -33.7382

# Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



210.2800, 22.0470, -24.8016



214.5300, -20.4743, 33.7382



202.8070, 15.8711, -50.6967

# Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



214.5300, -20.4743, 33.7382



206.3270, -9.5282, -23.9658



206.0880, 23.1276, -44.8042



217.3030, 10.6966, 22.5363



# Rectangle

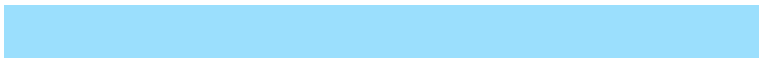
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



214.5300, -20.4743, 33.7382



210.4140, -21.4031, 4.8989



206.0880, 23.1276, -44.8042



213.3360, 20.5404, -8.1877

# Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



214.5300, -20.4743, 33.7382



244.1600, -5.9949, 9.5067



202.7340, 10.4841, 44.0833



121.0070, -3.9475, 6.1329



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000



# Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



214.5300, -20.4743, 33.7382



208.1350, -24.7166, 41.1006



237.4230, -31.7605, 13.6610



121.8220, -3.3632, 5.4181



99.3730, -48.9909, 80.3569

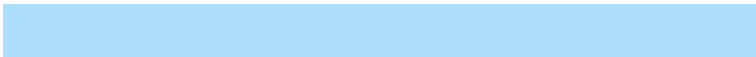


33.2240, -16.3794, 26.9906

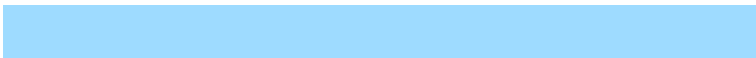


# Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



211.4700, 20.4743, -33.7382



204.8650, 24.7166, -41.1006



188.5770, 31.7605, -13.6610



121.1780, 3.3632, -5.4181



92.2140, 48.7015, -80.8717

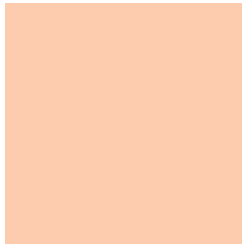


30.7760, 16.3794, -26.9906



# Previews

## White Background



This preview shows how the YUV color 214.5300, -20.4743, 33.7382 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

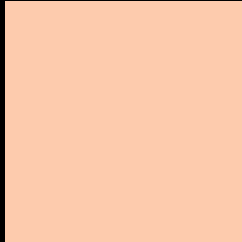
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 214.5300, -20.4743, 33.7382 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

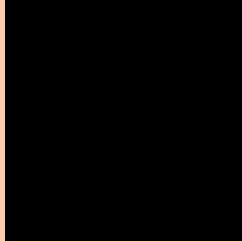
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

# YUV 214.5300, -20.4743, 33.7382 Background



This preview shows how black text looks on a background with the YUV color 214.5300, -20.4743, 33.7382.



This preview shows how white text looks on a background with the YUV color 214.5300, -20.4743, 33.7382.

33.7382.

# Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy



### Original Color

214.5300, -20.4743, 33.7382

### Protanopia

212.5980, -17.0568, 10.8766

### Deuteranopia

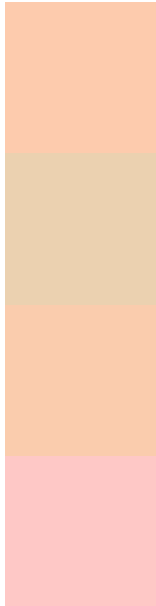
214.2090, -20.3160, 29.6347



## Tritanopia

216.7530, -1.8502, 33.5426

# Trichromacy



## Original Color

214.5300, -20.4743, 33.7382

## Protanomaly

213.0120, -18.2469, 19.2835

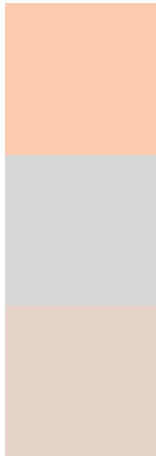
## Deuteranomaly

214.2200, -20.3215, 31.3791

## Tritanomaly

215.9180, -8.8336, 33.3979

# Monochromacy



## Original Color

214.5300, -20.4743, 33.7382

## Achromatopsia

215.0000, 0.0000, 0.0000

## Achromatomaly

215.1280, -7.4581, 12.1657

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 214.5300, -20.4743, 33.7382 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(253, 203, 173)` looks like.

```
.text, #text, p{  
    color:rgb(253, 203, 173)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(253, 203, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 203, 173) }
```

## Border

The CSS property to change the border of an element to YUV 214.5300, -20.4743, 33.7382 is called "border".

The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(253, 203, 173) }
```



If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(253, 203, 173) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(253, 203, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 203, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 203, 173);  
box-shadow:4px 4px 4px 4px rgb(253, 203,  
173) }
```

# Background

The CSS property to change the background color of an element to YUV 214.5300, -20.4743, 33.7382 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 203, 173) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(253,  
203, 173) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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